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TITLE: LUBRICANT FOR PLASTIC WORKING

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INVENTOR-INFORMATION:

NAME

OKIMOTO, KUNIO

SATO, TOMIO

YAMAKAWA, TOSHIO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

AGENCY OF IND SCIENCE & TECHNOL

N/A

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ABSTRACT:

PURPOSE: To provide a lubricant for plastic working composed of a specified heat-resistant resin, a lubricant, an adhesion agent to workpiece and tool, and a solvent and exhibiting excellent lubricating properties and heat resistance.

CONSTITUTION: The lubricant is prepd. by blending (A) heat resistat resin comprising polyimide, (B) Teflon in powder as lubricant, (C) methylphenylsilicone resin as adhesion agent to workpiece and tool and (D) N-methylpyrrolidone soln. as solvent in an A:B:C:D blend ratio of 1:0.25~2.0:1:5 by weight.

EFFECT: The lubricant is suitable for plastic working, such as forging or deep drawing, and powder molding at 250~350deg;C.

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